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| (71) Applicant (for all designated States except US): THE PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK, INC. [US/US]; 455 First Avenue, New York, NY 10016 (US). | | | |
| (71)(72) Applicant and Inventor: PINTER, Abraham [-/-]; 1250 East 22nd Street, Brooklyn, NY 11210 (US). | | | |
| (74) Agent: MEIKLEJOHN, Anita, L.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US). | | | |

(54) Title: HIV-1 gp120 V1/V2 DOMAIN EPITOPE CAPABLE OF GENERATING NEUTRALIZING ANTIBODIES

(57) Abstract

The invention features a protein which includes a gp120 V1/V2 domain of an HIV-1 strain and not a gp120 V3 domain of an HIV-1 strain, which protein does not substantially bind CD4. The gp120 V1/V2 domain of the protein displays an epitope which is recognized by an antibody which neutralizes at least one HIV-1 primary isolate with a ND₉₀ of less than 100 µg/ml.

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